ARG64795
anti-Ferritin Light Chain antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Ferritin Light Chain
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog
Tested Application	ELISA, IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Ferritin Light Chain
Species	Human
Immunogen	C-GEYLFERLTLKHD
Conjugation	Un-conjugated
Alternate Names	NBIA3; Ferritin L subunit; Ferritin light chain; LFTD

Application Instructions

Application table

Application	Dilution
ELISA	Assay - dependent
IHC-P	Assay - dependent
WB	0.3 - 1.0 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

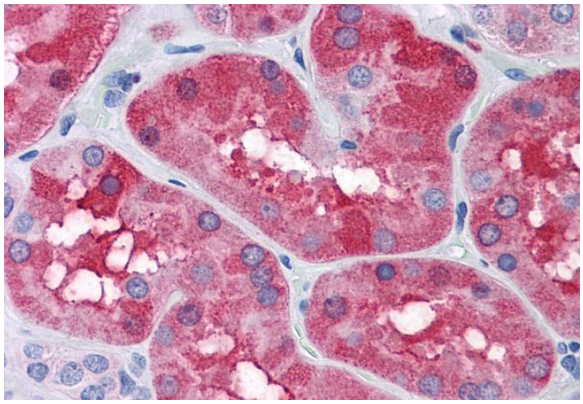
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

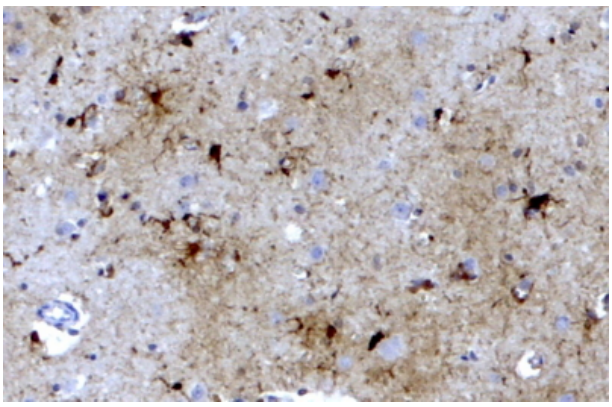
Database links	GeneID: 2512 Human Swiss-port # P02792 Human
Background	This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	20 kDa

Images



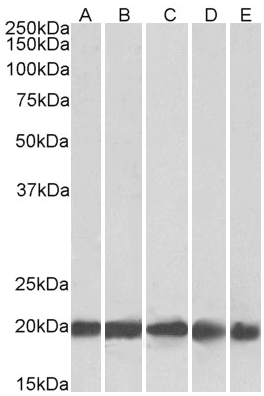
ARG64795 anti-Ferritin Light Chain antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64795 anti-Ferritin Light Chain antibody at 3.75 µg/ml dilution followed by AP-staining.



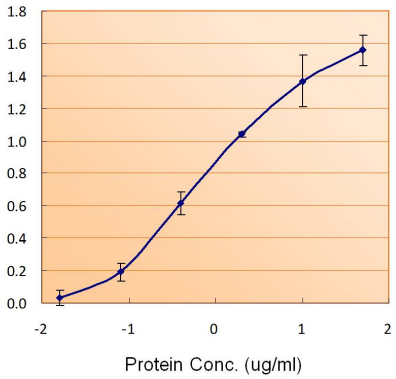
ARG64795 anti-Ferritin Light Chain antibody IHC image

Immunohistochemistry: paraffin-embedded Human Brain Cortex (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64795 anti-Ferritin Light Chain antibody at 3.8 µg/ml dilution, followed by HRP-staining.



ARG64795 anti-Ferritin Light Chain antibody WB image

Western blot: 35 µg of Human cerebellum (A), Human liver (B), Human placenta (C), Mouse brain (D) and Rat brain (E) lysates (in RIPA buffer) stained with ARG64795 anti-Ferritin Light Chain antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.



ARG64795 anti-Ferritin Light Chain antibody ELISA image

Sandwich ELISA: Capture rabbit antibody at 5 µg/ml dilution combined with ARG64795 anti-Ferritin Light Chain antibody as a detection antibody at 1.5 µg/ml dilution. Results of a typical standard run with optical density.